Mountain Weather Forecast

Lake District National Park

Forecast valid from 06:00 on Tuesday 01 Mar 2022 until 23:59 on Wednesday 02 Mar 2022

Forecast Issued on Tuesday 01 Mar 2022 at 03:14

Confidence: High confidence for High pressure, settled conditions, starting to dominate but lower confidence for the movement of the front on Wednesday and Thursday which has an effect on the amount of cloud and rain that will be realised.

Headline for Tuesday 01 Mar 2022: Dry, bright and sunny with light winds.

Mountain weather hazards on Tuesday 01 Mar 2022

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** No Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** Low Likelihood

Weather and chance of precipitation at 800m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Clear night	Sunny	Sunny	Sunny	Clear night	Clear night
Precipitation probability					
<05%	<05%	<05%	<05%	<05%	<05%

Forecast for Tuesday 01 Mar 2022

Weather: A widespread frost to start. A dry and mostly sunny day and, although feeling cold, the sun will provide some winter warmth when walking. Very little cloud expected, except perhaps around southern fells in the afternoon. A clear and dry evening expected to follow.

Chance of cloud-free hill tops above 800m: Nearly 100%, very little low cloud or cloud at any height expected on Tuesday.

Low cloud and visibility: Generally very good or excellent visibility throughout the day, perhaps slightly hazier in the south towards Conniston or Broughton in Furness.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
© Crown Copyright 2022. All Rights Reserved.

Mountain Weather Forecast

Forecast for Tuesday 01 Mar 2022

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	17/20 NE	14/19 NE	11/14 NE	13/17 E	17/25 E	22/32 E	28/36 E
600	12/16 NE	11/16 NE	11/15 NE	12/16 E	19/27 E	21/31 E	26/37 E
300	6/13 N	6/13 NE	7/13 NE	6/13 E	8/19 E	10/23 E	11/27 E
Valley	7/14 NE	9/15 NE	8/12 NE	6/11 E	6/14 NE	7/17 E	8/21 E

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	-1/-7	-0/-6	-0/-5	1/-4	-0/-6	-0/-7	-0/-8
600	0/-5	0/-4	2/-2	4/-0	2/-4	0/-6	-1/-8
300	1/-2	3/0	6/3	7/5	3/0	2/-2	1/-3
Valley	4/1	5/2	8/6	9/7	6/4	4/2	3/-0
Freezing Level*	500m	500m	600m	700m	600m	400m	400m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

A very pleasant day expected for the Lake District with lighter winds than of late and more sunshine. Still feeling cold with freezing level down to 500m at times.

Forecast for Wednesday 02 Mar 2022

Weather: Clear spells at first but increasing cloud building towards dawn and a strengthening southerly wind. The best brightness will be found in the morning around Northern Fells. Light and patchy rain will be pushed east by late morning and will be particularly persistent around southwestern fells during the afternoon with the eastern and far eastern fells perhaps remaining dry. Cloud and patchy rain continuing in the evening.

Maximum wind: South or southeasterly 20mph gusts 30mph.

Chance of cloud-free hill tops above 800m: 80% soon falling to 40%. Northern Fells towards Skiddaw and Hellvellyn are likely to be cloud free at times but towards Coniston is likely to be shrouded by cloud for most of the day.

Low cloud and visibility: In the south, layers of low cloud from 400m and above likely to be overcast during the afternoon, further north cloud will be scattered layers above 600m. In the north visibility will be good or moderate but further south and it will be poor at times in drizzle and light rain.

Temperature: **Valleys:** Plus 2 rising to 8 Celsius.
At 800m: Minus 2 rising to 2 Celsius.
Freezing level: 600m rising above all summits.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
© Crown Copyright 2022. All Rights Reserved.

Mountain Weather Forecast

Ground Conditions Supplement

Date: Monday 28 February 2022. Location: Helvellyn summit at 12:10 Full report: The majority of ground up to, and including, summit level is now free from snow especially on south and west facing aspects. That said some significant patches of snow remain. These can be found above 700m, with most above 800m, in sheltered spots and hollows and on steep north and east facing slopes. At midday, the summit temperature was 3 degrees and it was raining heavily inducing a thaw; however, owing to the altitude and location of the snow, this thaw was very slow. Where undisturbed, the snowpack was mainly soft and increasingly wet. However on popular routes, where the snow had been compressed, it was hard and icy creating an obvious hazard – especially where some ice was lurking beneath small puddles of water. In addition, especially above 850m, there is some old, harder snow. At the top of some snow covered east and north facing slopes there are some overhangs – ie cornices. Although small, they are weakening with the rain and slow thaw so it is best not to step on any such snow covered edges.

Although the summit temperature was above freezing, the windchill (what the temperature feels like) was well below so full winter clothing (waterproofs, extra warm layers, hat & gloves), mountain boots (not trainers) and equipment - including torch, map & compass and the ability to use them - are all essential for those going onto the fells. At the time of writing, the forecast is for a frost virtually to valley level both tonight and for Tuesday morning. Consequentially, with the ground being saturated following today (Monday)'s rain, walkers out on the fells on Tuesday should expect to encounter ice at all levels and, for those venturing above 700m, hard, icy snow. Thus for those doing routes that necessitate crossing or climbing steep snow slopes – such as both Striding and Swirral Edges which have banks of unavoidable snow guarding their exits - an ice axe is essential and crampons must be carried if (probably when) the current soft snow hardens. Owing to the potential for ice on Tuesday, especially in the morning, any walkers out on the high fells might want to consider taking microspikes. Hopefully, though, sunglasses might also be essential on Tuesday!! Temperature: plus 2.8 C, Maximum wind speed 31 mph, Wind chill: minus 4.8 C, Average wind speed: 22.4 mph.

Issued at: 03:14 on Tue 01 Mar 2022

© Crown Copyright 2022. All Rights Reserved.